## ASSESSMENT DAY

College of Arts and Sciences
School of Mathematics
October 7, 2016

## Academic Assessment

|  | LEVEL | FOCUS | CONDUCTED BY | FREQUENCY |
| :---: | :---: | :---: | :---: | :---: |
| Academic Success Committee | Program | - Quality of assessment practices | Committee of peers | Years 1 \& 2 |
| Instructional Program Review | Program / Cluster | - Enrollment, retention, completion <br> - Industry certifications and job placement <br> - Program budget and staffing <br> - Advisory committees <br> - Curriculum changes | Committee of peers | Year 3 |
| Assessment Day | Course/ Program | - Enrollment by demographics <br> - Graduation and retention <br> - Average class size <br> - Course success rate <br> - Placement rate <br> - SLOs, PLOs and ILOs | Program Chair and Faculty | Years 1, 2, 3 |

## Courses

| MAC1105 College Algebra | MAC1114 College Trigonometry | MAC1140 Pre-Calculus Algebra |
| :---: | :---: | :---: |
| MAC2233 Calculus for Business and Nonphysical Sciences I | MAC2311C Calculus I and Lab | MAC2312C Calculus II and Lab |
| MAC2313C Calculus III and Lab | MAD2104 Discrete Mathematics | MAP2302C Differential Equations and Lab |
| MAP3401 Problem Analysis | MAS3105 Linear Algebra | MAS3301 Abstract Algebra |
| MAS4203 Number Theory | MAT0018C Mathematics I (PreAlgebra) and Lab | MAT0022 Integrated Arithmetic and Algebra |
| MAT0028C Mathematics II (Elementary Algebra) and Lab | MAT0055L Developmental Mathematics I Lab | MAT0056L Developmental Mathematics II Lab |
| MAT1033 Intermediate Algebra | MAT1033A Intermediate Algebra | MGF2106 Survey in Mathematics |
| MGF2107 Mathematics for Liberal Arts | MHF4404 History of Mathematics | MTG4212 Modern Geometry |
| STA2023 Elementary Statistics | STA4024 Statistics II |  |

## Last Assessment Day - Action Items

School of Mathematics (10/09/2015):

1. Add Pre-Calculus for 15-16 course learning assessment;
2. More Professional Development specifically related to the content (not just generic PD);
3. Add comments to contact faculty for online classes;
4. Attendance verification for online classes (not just log in);
5. Technology funds, Karla Moore will work with Margaret Overbey to work on a proposal for Planning Council.

## Course Assessment Data



Target: $70 \%$ of the students achieve $70 \%$ competency for all assessment measure

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## Assessment Data

MAC1105 College Algebra
MAC2233 Calculus for Business
and Nonphysical Sciences I
MAC2313C Calculus III and Lab
MAP3401 Problem Analysis
MAS4203 Number Theory
MAT0028C Mathematics II
(Elementary Algebra) and Lab
MAT1033 Intermediate Algebra
MGF2107 Mathematics for
Liberal Arts
STA2023 Elementary Statistics

MAC1114 College Trigonometry
MAC2311C Calculus I and Lab

MAD2104 Discrete Mathematics
MAS3105 Linear Algebra
MAT0018C Mathematics I (PreAlgebra) and Lab
MAT0055L Developmental
Mathematics I Lab
MAT1033A Intermediate Algebra
MHF4404 History of Mathematics
STA4024 Statistics II

MAC1140 Pre-Calculus Algebra
MAC2312C Calculus II and Lab
MAP2302C Differential
Equations and Lab
MAS3301 Abstract Algebra
MAT0022 Integrated Arithmetic and Algebra
MAT0056L Developmental
Mathematics II Lab
MGF2106 Survey in Mathematics

MTG4212 Modern Geometry

## Course Success Rate (1 of 2)

| Course | 2012-2013 |  | 2013-2014 |  | 2014-2015 |  | 2015-2016 |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Attempted | \% Successful | Attempted | \% Successful | Attempted | \% Successful | Attempted | \% Successful |
| MAT0018 | 1,877 | 70\% | 1,432 | 62\% | 718 | 64\% | 493 | 76\% |
| MAT0022 |  |  | 3 | 67\% | 6 | 67\% | 9 | 78\% |
| MAT0028 | 3,170 | 55\% | 2,928 | 57\% | 1,590 | 56\% | 1219 | 68\% |
| MAT0056L |  |  |  |  | 61 | 95\% | 83 | 94\% |
| Total | 5,047 | 61\% | 4,363 | 58\% | 2,773 | 58\% | 2,098 | 70\% |
| MAT1033 | 3,819 | 53\% | 3,674 | 52\% | 2,136 | 56\% | 1780 | 70\% |
| MAT1033A |  |  |  |  | 398 | 47\% | 294 | 63\% |
| MAC1105 | 3,865 | 57\% | 3,566 | 59\% | 2,957 | 60\% | 2787 | 68\% |
| MAC1114 | 659 | 56\% | 641 | 61\% | 651 | 61\% | 666 | 69\% |
| MAC1140 | 727 | 65\% | 707 | 63\% | 676 | 69\% | 660 | 74\% |
| Total | 9,070 | 56\% | 8,588 | 57\% | 6,818 | 59\% | 6,187 | 69.1\% |
| STA2023 | 1,845 | 73\% | 1,839 | 71\% | 1,786 | 75\% | 2,105 | 77\% |
| MGF2106 | 536 | 64\% | 473 | 60\% | 2,086 | 65\% | 2,402 | 77\% |
| MGF2107 | 398 | 76\% | 406 | 69\% | 497 | 72\% | 496 | 76\% |
| MAC2233 | 89 | 71\% | 66 | 80\% | 84 | 73\% | 98 | 79\% |
| MAC2311 | 242 | 51\% | 258 | 52\% | 252 | 63\% | 260 | 69\% |
| MAC2312 | 111 | 64\% | 108 | 56\% | 110 | 65\% | 137 | 68\% |
| MAC2313 | 49 | 55\% | 49 | 61\% | 60 | 58\% | 73 | 64\% |
| MAD2104 | 20 | 75\% | 11 | 91\% |  |  |  |  |
| MAP2302 | 41 | 78\% | 24 | 88\% | 34 | 68\% | 41 | 85\% |
| Total | 3,331 | 70\% | 3,234 | 67\% | 4,909 | 69\% | 5,612 | 76.\% |
| DSC |  | 78\% |  | 77\% |  | 78\% |  | 80\% |

## Course Success Rate (2 of 2)

| Course | 2012-2013 |  | 2013-2014 |  | 2014-2015 |  | 2015-2016 |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Attempted | \% Successful | Attempted | \% Successful | Attempted | \% Successful | Attempted | \% Successful |
| MAS3105 | 11 | 91\% | 6 | 83\% | 6 | 67\% | 10 | 70\% |
| MAS3301 | 2 | 100\% | 4 | 100\% | 5 | 80\% | 1 | 100\% |
| MAP3401 |  |  |  |  |  |  | 13 | 62\% |
| Total | 13 | 92\% | 10 | 90\% | 11 | 73\% | 24 | 67.7\% |
| MAS4203 | 4 | 100\% | 8 | 63\% | 6 | 67\% | 5 | 20\% |
| MHF4404 | 6 | 100\% |  |  | 10 | 80\% | 10 | 80\% |
| MTG4212 | 3 | 100\% | 5 | 80\% |  |  | 5 | 100\% |
| STA4024 |  |  | 10 | 90\% | 5 | 100\% | 4 | 75\% |
| Total | 13 | 100\% | 23 | 78\% | 21 | 81\% | 24 | 70.8\% |
| Total | 8,608 | 63\% | 8,181 | 63\% | 9,225 | 66\% | 13,945 | 72.01\% |
| DSC |  | 78\% |  | 77\% |  | 78\% |  | 80\% |

## Course Success Rate by Campus - Multiple Campuses Only (1 of 2)

| Course | Campus | 2012-2013 |  | 2013-2014 |  | 2014-2015 |  | 2015-2016 |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  | Attempted | \% Successful | Attempted | \% Successful | Attempted | \% Successful | Attempted | \% Successful |
| MAC1105 | Daytona | 1,430 | 51\% | 1,355 | 57\% | 1,030 | 55\% | 1022 | 66\% |
|  | Deland | 620 | 71\% | 590 | 68\% | 412 | 70\% | 358 | 80\% |
|  | Deltona | 220 | 58\% | 205 | 56\% | 196 | 64\% | 161 | 73\% |
|  | Flagler/Palm Cst | 380 | 38\% | 288 | 38\% | 292 | 42\% | 269 | 66\% |
|  | New Smyrna Beach | 243 | 72\% | 236 | 78\% | 161 | 81\% | 168 | 89\% |
| MAC1114 | Daytona | 299 | 52\% | 288 | 61\% | 288 | 56\% | 244 | 63\% |
|  | Deland | 98 | 58\% | 111 | 59\% | 111 | 62\% | 114 | 66\% |
|  | Flagler/Palm Cst | 54 | 30\% | 36 | 39\% | 25 | 36\% | 39 | 56\% |
| MAC1140 | Daytona | 368 | 58\% | 342 | 55\% | 288 | 64\% | 311 | 69\% |
|  | Deland | 115 | 61\% | 142 | 58\% | 136 | 71\% | 116 | 75\% |
|  | Flagler/Palm Cst | 42 | 76\% | 37 | 68\% | 23 | 65\% | 23 | 70\% |
| MAT0018 | Daytona | 994 | 67\% | 807 | 58\% | 379 | 61\% | 273 | 73\% |
|  | Deland | 217 | 78\% | 144 | 68\% | 56 | 66\% | 42 | 81\% |
|  | Deltona | 276 | 69\% | 228 | 60\% | 117 | 58\% | 89 | 76\% |
|  | Flagler/Palm Cst | 252 | 76\% | 175 | 69\% | 105 | 74\% | 48 | 81\% |
|  | New Smyrna Beach | 138 | 72\% | 78 | 72\% | 61 | 70\% | 41 | 85\% |
| MAT0028 | Daytona | 1,642 | 49\% | 1,517 | 52\% | 843 | 54\% | 609 | 68\% |
|  | Deland | 450 | 64\% | 382 | 65\% | 172 | 61\% | 150 | 65\% |
|  | Deltona | 382 | 56\% | 394 | 56\% | 223 | 47\% | 185 | 66\% |
|  | Flagler/Palm Cst | 461 | 60\% | 414 | 64\% | 235 | 59\% | 193 | 67\% |
|  | New Smyrna Beach | 235 | 72\% | 221 | 65\% | 117 | 78\% | 82 | 70\% |

## Course Success Rate by Campus - Multiple Campuses Only (2 of 2)

| Course | Campus | 2012-2013 |  | 2013-2014 |  | 2014-2015 |  | 2015-2016 |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  | Attempted | \% Successful | Attempted | \% Successful | Attempted | \% Successful | Attempted | \% Successful |
| MAT0056L | Daytona |  |  |  |  | 40 | 93\% | 41 | 95\% |
|  | Deland |  |  |  |  | 7 | 100\% | 8 | 88\% |
|  | Deltona |  |  |  |  | 11 | 100\% | 14 | 93\% |
|  | Flagler/Palm Cst |  |  |  |  | 3 | 100\% | 11 | 100\% |
|  | New Smyrna Beach |  |  |  |  |  |  | 9 | 89\% |
| MAT1033 | Daytona | 1,470 | 47\% | 1,392 | 48\% | 764 | 55\% | 611 | 69\% |
|  | Deland | 564 | 62\% | 504 | 65\% | 312 | 65\% | 237 | 77\% |
|  | Deltona | 263 | 55\% | 250 | 52\% | 109 | 63\% | 108 | 74\% |
|  | Flagler/Palm Cst | 358 | 53\% | 344 | 42\% | 206 | 34\% | 171 | 61\% |
|  | New Smyrna Beach | 209 | 71\% | 197 | 75\% | 82 | 71\% | 92 | 82\% |
| MAT1033A | Daytona |  |  |  |  | 211 | 47\% | 168 | 59\% |
|  | Deland |  |  |  |  | 70 | 36\% | 37 | 70\% |
|  | Deltona |  |  |  |  | 42 | 57\% | 16 | 81\% |
|  | Flagler/Palm Cst |  |  |  |  | 43 | 42\% | 39 | 56\% |
|  | New Smyrna Beach |  |  |  |  | 32 | 59\% | 34 | 74\% |
| MGF2106 | Daytona |  |  | 33 | 76\% | 583 | 64\% | 829 | 77\% |
|  | Deland |  |  |  |  | 79 | 81\% | 149 | 85\% |
|  | Deltona |  |  |  |  |  |  | 77 | 77\% |
|  | Flagler/Palm Cst |  |  |  |  | 96 | 66\% | 70 | 73\% |
|  | New Smyrna Beach |  |  |  |  | 64 | 73\% | 81 | 86\% |
| MGF2107 | Daytona |  |  | 25 | 88\% | 133 | 68\% | 130 | 84\% |
|  | Flagler/Palm Cst |  |  |  |  | 18 | 78\% | 27 | 74\% |
| STA2023 | Daytona | 646 | 76\% | 675 | 72\% | 517 | 73\% | 615 | 77\% |
|  | Deland | 282 | 89\% | 317 | 83\% | 267 | 85\% | 261 | 90\% |
|  | Deltona | 69 | 75\% | 74 | 69\% | 71 | 86\% | 86 | 73\% |
|  | Flagler/Palm Cst | 113 | 73\% | 87 | 79\% | 91 | 79\% | 98 | 78\% |
|  | New Smyrna Beach | 146 | 82\% | 153 | 81\% | 148 | 93\% | 129 | 91\% |

Excludes fully online courses

## Course Success Rate By Instructional Method - Multiple Methods Only

| Course | IM | 2012-2013 |  | 2013-2014 |  | 2014-2015 |  | 2015-2016 |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  | Attempted | \% Successful | Attempted | \% Successful | Attempted | \% Successful | Attempted | \% <br> Successful |
| MAC1105 | Hybrid |  |  |  |  |  |  | 75 | 71\% |
|  | Lecture | 2,893 | 56\% | 2,674 | 59\% | 2,091 | 59\% | 1903 | 71\% |
|  | Online | 972 | 60\% | 892 | 57\% | 866 | 61\% | 809 | 62\% |
| MAC1114 | Hybrid |  |  |  |  |  |  | 33 | 42\% |
|  | Lecture | 451 | 51\% | 435 | 59\% | 424 | 56\% | 364 | 65\% |
|  | Online | 208 | 67\% | 206 | 67\% | 227 | 70\% | 269 | 78\% |
| MAC1140 | Lecture | 525 | 60\% | 521 | 57\% | 447 | 66\% | 450 | 70\% |
|  | Online | 202 | 79\% | 186 | 81\% | 229 | 75\% | 210 | 80\% |
| MAC2233 | Lecture | 21 | 67\% | 22 | 77\% | 32 | 75\% | 41 | 83\% |
|  | Online | 68 | 72\% | 44 | 82\% | 52 | 71\% | 57 | 75\% |
| MAT1033 | Lecture | 2,864 | 53\% | 2,687 | 53\% | 1,473 | 56\% | 1219 | 71\% |
|  | Online | 955 | 53\% | 987 | 51\% | 663 | 57\% | 561 | 68\% |
| MGF2106 | Hybrid |  |  |  |  |  |  | 325 | 74\% |
|  | Lecture |  |  | 33 | 76\% | 822 | 67\% | 881 | 80\% |
|  | Online | 536 | 64\% | 440 | 59\% | 1,264 | 64\% | 1196 | 75\% |
| MGF2107 | Lecture |  |  | 25 | 88\% | 151 | 69\% | 157 | 82\% |
|  | Online | 398 | 76\% | 381 | 67\% | 346 | 74\% | 339 | 73\% |
| STA2023 | Lecture | 1,256 | 79\% | 1,306 | 76\% | 1,094 | 80\% | 1189 | 81\% |
|  | Online | 589 | 61\% | 533 | 60\% | 692 | 68\% | 916 | 71\% |
| DSC | Hybrid |  | 82\% |  | 81\% |  | 83\% |  | 81\% |
|  | Lecture |  | 77\% |  | 77\% |  | 78\% |  | 80\% |
|  | Online |  | 76\% |  | 75\% |  | 76\% |  | 78\% |

Course Success Rates- Multiple Sessions or Sub-sessions Only (1 of 3)

| Course | Session | Sub-session | 2012-2013 |  | 2013-2014 |  | 2014-2015 |  | 2015-2016 |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  | Attempted | \% Successful | Attempted | \% Successful | Attempted | \% Successful | Attempted | \% Successful |
| MAC1105 | FA | A term | 60 | 67\% | 54 | 87\% | 50 | 82\% | 49 | 84\% |
|  |  | B term |  |  |  |  |  |  | 52 | 44\% |
|  |  | Full term | 1,738 | 55\% | 1,643 | 57\% | 1,318 | 56\% | 1,165 | 71\% |
|  | SP | A term | 89 | 74\% | 83 | 69\% | 55 | 82\% | 133 | 77\% |
|  |  | B term | 40 | 83\% | 17 | 82\% | 37 | 54\% | 73 | 56\% |
|  |  | Full term | 1,423 | 54\% | 1,293 | 55\% | 1,106 | 59\% | 949 | 62\% |
|  | SU | Full term | 515 | 66\% | 476 | 69\% | 391 | 70\% | 366 | 74\% |
| MAC1114 | FA | Full term | 265 | 52\% | 242 | 55\% | 262 | 53\% | 246 | 70\% |
|  | SP | Full term | 265 | 53\% | 289 | 62\% | 271 | 65\% | 279 | 68\% |
|  | SU | Full term | 129 | 70\% | 110 | 74\% | 118 | 70\% | 141 | 71\% |
| MAC1140 | FA | Full term | 293 | 54\% | 305 | 61\% | 291 | 62\% | 237 | 75\% |
|  | SP | Full term | 303 | 70\% | 316 | 64\% | 273 | 72\% | 298 | 69\% |
|  | SU | Full term | 131 | 80\% | 86 | 72\% | 112 | 83\% | 125 | 82\% |
| MAC2233 | FA | Full term | 31 | 74\% | 20 | 80\% | 25 | 76\% | 36 | 72\% |
|  | SP | Full term | 32 | 72\% | 26 | 92\% | 40 | 73\% | 39 | 85\% |
|  | SU | Full term | 26 | 65\% | 20 | 65\% | 19 | 68\% | 23 | 78\% |
| MAC2311 | FA | Full term | 110 | 45\% | 113 | 51\% | 119 | 62\% | 118 | 74\% |
|  | SP | Full term | 82 | 61\% | 94 | 55\% | 91 | 63\% | 100 | 60\% |
|  | SU | Full term | 50 | 48\% | 51 | 49\% | 42 | 64\% | 42 | 79\% |
| MAC2312 | FA | Full term | 37 | 54\% | 40 | 65\% | 38 | 58\% | 40 | 70\% |
|  | SP | Full term | 39 | 79\% | 40 | 50\% | 53 | 62\% | 69 | 62\% |
|  | SU | Full term | 35 | 57\% | 28 | 50\% | 19 | 89\% | 28 | 79\% |
| MAC2313 | FA | Full term | 21 | 62\% | 23 | 52\% | 20 | 50\% | 30 | 73\% |
|  | SP | Full term | 15 | 40\% | 13 | 69\% | 20 | 70\% | 20 | 40\% |
|  | SU | Full term | 13 | 62\% | 13 | 69\% | 20 | 55\% | 23 | 74\% |
| MAP2302 | FA | Full term | 17 | 76\% | 15 | 80\% | 16 | 56\% | 20 | 80\% |
|  | SP | Full term | 14 | 71\% | 9 | 100\% | 18 | 78\% | 21 | 90\% |
|  | SU | Full term | 10 | 90\% |  |  |  |  |  |  |

Course Success Rates- Multiple Sessions or Sub-sessions Only (2 of 3)

| Course | Session Subsession |  | 2012-2013Attempted \% Successful |  | 2013-2014 |  | 2014-2015 |  | 2015-2016 |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  | Attempted | \% Successful | Attempted | \% Successful | Attempted | \% Successful |
| MAT0018 | FA | A term |  |  | 499 | 75\% | 349 | 68\% | 160 | 72\% | 129 | 80\% |
|  |  | B term | 158 | 59\% | 158 | 54\% | 61 | 49\% | 26 | 73\% |
|  |  | Full term | 265 | 68\% | 220 | 58\% | 145 | 53\% | 107 | 73\% |
|  | SP | A term | 359 | 70\% | 288 | 61\% | 126 | 69\% | 58 | 81\% |
|  |  | B term | 118 | 59\% | 57 | 51\% | 31 | 68\% | 30 | 67\% |
|  |  | Full term | 226 | 64\% | 177 | 58\% | 96 | 64\% | 81 | 69\% |
|  | SU | Full term | 252 | 77\% | 183 | 67\% | 99 | 69\% | 62 | 84\% |
| MAT0022 | FA | Full term |  |  |  |  | 2 | 50\% |  |  |
|  | SP | Full term |  |  | 3 | 67\% | 3 | 67\% |  |  |
|  | SU | Full term |  |  |  |  | 1 | 100\% | 9 | 78\% |
| MAT0028 | FA | A term | 492 | 59\% | 508 | 64\% | 229 | 55\% | 199 | 73\% |
|  |  | B term | 568 | 56\% | 455 | 54\% | 240 | 50\% | 226 | 69\% |
|  |  | Full term | 445 | 58\% | 512 | 55\% | 334 | 51\% | 257 | 67\% |
|  | SP | A term | 414 | 50\% | 330 | 58\% | 151 | 58\% | 65 | 71\% |
|  |  | B term | 402 | 47\% | 318 | 57\% | 159 | 67\% | 110 | 72\% |
|  |  | Full term | 431 | 52\% | 393 | 45\% | 232 | 58\% | 210 | 66\% |
|  | SU | Full term | 418 | 65\% | 412 | 64\% | 245 | 60\% | 152 | 57\% |
| MAT0056L | FA | Full term |  |  |  |  | 28 | 93\% | 47 | 96\% |
|  | SP | Full term |  |  |  |  | 33 | 97\% | 35 | 91\% |
|  | SU | Full term |  |  |  |  |  |  | 1 | 100\% |
| MAT1033 | FA | A term | 31 | 77\% | 35 | 71\% |  |  | 27 | 85\% |
|  |  | B term | 132 | 54\% | 95 | 64\% | 50 | 58\% | 106 | 62\% |
|  |  | Full term | 1,685 | 53\% | 1,570 | 50\% | 1,037 | 57\% | 853 | 73\% |
|  | SP | A term | 47 | 68\% | 32 | 66\% | 15 | 80\% | 35 | 69\% |
|  |  | B term | 86 | 55\% | 105 | 49\% | 13 | 69\% | 57 | 67\% |
|  |  | Full term | 1,398 | 50\% | 1,407 | 51\% | 694 | 53\% | 487 | 64\% |
|  | SU | Full term | 440 | 63\% | 430 | 63\% | 327 | 59\% | 215 | 73\% |

## Course Success Rates- Multiple Sessions or Sub-sessions Only (3 of 3)

| Course | Session | Sub-session | 2012-2013 |  | 2013-2014 |  | 2014-2015 |  | 2015-2016 |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  | Attempted | \% Successful | Attempted | \% Successful | Attempted | \% Successful | Attempted | \% Successful |
| MAT1033A | FA | Full term |  |  |  |  | 276 | 46\% | 217 | 65\% |
|  | SP | Full term |  |  |  |  | 122 | 48\% | 77 | 56\% |
| MGF2106 | FA | A term |  |  |  |  |  |  | 30 | 90\% |
|  |  | B term |  |  |  |  | 19 | 74\% | 275 | 73\% |
|  |  | Full term | 207 | 67\% | 164 | 57\% | 1,014 | 59\% | 819 | 79\% |
|  |  | A term |  |  |  |  |  |  | 36 | 89\% |
|  | SP | B term |  |  |  |  | 32 | 63\% | 146 | 75\% |
|  |  | Full term | 200 | 60\% | 193 | 62\% | 914 | 72\% | 829 | 74\% |
|  | SU | Full term | 129 | 67\% | 116 | 61\% | 107 | 67\% | 267 | 82\% |
| MGF2107 | FA | Full term | 146 | 70\% | 154 | 65\% | 224 | 67\% | 208 | 81\% |
|  | SP | Full term | 154 | 79\% | 167 | 71\% | 200 | 75\% | 203 | 70\% |
|  | SU | Full term | 98 | 80\% | 85 | 72\% | 73 | 82\% | 85 | 75\% |
| STA2023 | FA | B term | 52 | 73\% | 47 | 79\% | 37 | 92\% | 112 | 82\% |
|  |  | Full term | 642 | 70\% | 674 | 67\% | 628 | 76\% | 705 | 77\% |
|  | SP | A term | 17 | 94\% | 13 | 69\% | 22 | 86\% | 104 | 87\% |
|  |  | B term | 60 | 72\% | 73 | 77\% | 100 | 87\% | 51 | 57\% |
|  |  | Full term | 715 | 72\% | 677 | 73\% | 711 | 73\% | 752 | 74\% |
|  |  | Session Total | 792 | 73\% | 763 | 73\% | 833 | 75\% | 907 | 75\% |
|  | SU | Full term | 359 | 81\% | 355 | 74\% | 288 | 73\% | 381 | 80\% |

Indicates a success rate of $90 \%$ or higher
Indicates a success rate between 70\% and 89\%
Indicates a success rate below 70\%
Years are reporting years, SU-SP.
Blank cells or missing years indicate no enrollment.

## Average Class Size by Course

| Course | 2012-2013 |  | 2013-2014 |  | 2014-2015 |  | 2015-2016 |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Sections | Avg. Size | Sections | Avg. Size | Sections | Avg. Size | Sections | Avg. Size |
| MAT0018 | 88 | 21 | 72 | 20 | 45 | 16 | 28 | 18 |
| MAT0022 |  |  | 1 | 3 | 3 | 2 | 1 | 9 |
| MAT0028 | 133 | 24 | 124 | 24 | 84 | 19 | 61 | 20 |
| MAT1033 | 158 | 24 | 144 | 26 | 88 | 24 | 74 | 24 |
| MAT1033A |  |  |  |  | 16 | 25 | 12 | 25 |
| MAC1105 | 137 | 28 | 127 | 28 | 106 | 28 | 97 | 29 |
| MAC1114 | 26 | 25 | 26 | 25 | 23 | 28 | 22 | 30 |
| MAC1140 | 29 | 25 | 26 | 27 | 23 | 29 | 23 | 29 |
| STA2023 | 70 | 26 | 73 | 25 | 61 | 29 | 66 | 32 |
| MGF2106 | 21 | 26 | 18 | 26 | 70 | 30 | 85 | 28 |
| MGF2107 | 14 | 28 | 13 | 31 | 15 | 33 | 17 | 29 |
| MAC2233 | 5 | 18 | 5 | 13 | 5 | 17 | 5 | 20 |
| MAC2311 | 10 | 24 | 10 | 26 | 10 | 25 | 10 | 26 |
| MAC2312 | 6 | 19 | 5 | 22 | 5 | 22 | 4 | 34 |
| MAC2313 | 3 | 16 | 3 | 16 | 3 | 20 | 3 | 24 |
| MAP2302 | 3 | 14 | 2 | 12 | 3 | 11 | 2 | 21 |
| MAS3105 | 1 | 11 | 1 | 6 | 1 | 6 | 1 | 10 |
| MAS3301 | 1 | 2 | 1 | 4 | 1 | 5 |  |  |
| MAS3401 |  |  |  |  |  |  | 1 | 13 |
| MAS4203 | 1 | 4 | 1 | 8 | 1 | 6 |  | 5 |
| MHF4404 | 1 | 6 |  |  | 1 | 10 | 1 | 10 |
| MTG4212 | 1 | 3 | 1 | 5 |  |  | 1 | 5 |
| STA4024 |  |  | 1 | 10 | 1 | 5 | 1 | 4 |
| Total | 709 | 25 | 655 | 25 | 589 | 25 | 516 | 26 |

## Average Class Size - Multiple Methods Only

| Course | Instructional Method | 2012-2013 |  | 2013-2014 |  | 2014-2015 |  | 2015-2016 |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  | Sections | Avg. Size | Sections | Avg. Size | Sections | Avg. Size | Sections | Avg. Size |
| MAC1105 | Lecture | 100 | 29 | 92 | 29 | 73 | 29 | 63 | 30 |
|  | Hybrid |  |  |  |  | 3 |  | 3 | 25 |
|  | Online | 37 | 26 | 35 | 25 | 33 | 26 | 31 | 26 |
| MAC1114 | Lecture | 19 | 24 | 18 | 24 | 16 | 27 | 13 | 28 |
|  | Hybrid |  |  |  |  |  |  | 1 | 33 |
|  | Online | 7 | 30 | 8 | 26 | 7 | 32 | 8 | 34 |
| MAC1140 | Lecture | 22 | 24 | 19 | 27 | 15 | 30 | 15 | 30 |
|  | Online | 7 | 29 | 7 | 27 | 8 | 29 | 8 | 26 |
| MAC2233 | Lecture | 2 | 11 | 2 | 11 | 2 | 16 | 2 | 21 |
|  | Online | 3 | 23 | 3 | 15 | 3 | 17 | 3 | 19 |
| MAT1033 | Lecture | 112 | 26 | 104 | 26 | 59 | 25 | 52 | 23 |
|  | Online | 46 | 21 | 40 | 25 | 29 | 23 | 22 | 26 |
| MGF2106 | Lecture |  |  | 1 | 33 | 27 | 30 | 28 | 31 |
|  | Hybrid |  |  |  |  |  |  | 12 | 27 |
|  | Online | 21 | 26 | 17 | 26 | 43 | 29 | 45 | 27 |
| MGF2107 | Lecture |  |  | 1 | 25 | 5 | 30 | 6 | 26 |
|  | Online | 14 | 28 | 12 | 32 | 10 | 35 | 11 | 31 |
| STA2023 | Lecture | 50 | 25 | 51 | 26 | 38 | 29 | 39 | 30 |
|  | Online | 20 | 29 | 22 | 24 | 23 | 30 | 27 | 34 |

College Total

| Instructional Method | 2012-2013 <br> Avg. Size | 2013-2014 <br> Avg. Size | 2014-2015 <br> Avg. Size | 2015-2016 <br> Avg. Size |
| :--- | :---: | :---: | :---: | :---: |
| Hybrid | 22 | 22 | 22 | 21 |
| Lecture | 23 | 23 | 22 | 22 |
| Online | 27 | 28 | 29 | 30 |
| College Total | 23.7 | 23.9 | 24.6 | 25 |

To prevent data from skewing, the following instructional methods are excluded: labs associated with


College Enrollment Decreased: 7.9\%(12/13); 3\%(13/14); 0.73\%(14/15); 1.14\% (15/16)

## Average Age in Department




Enrollment by Race/Ethnicity


| DSC Averages 2015-2016 |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Amer Indian/ Alaska Native | Asian | Black or African Amer | Hispanic | Nat Hawaiian Pacif Islander | 2 or More Races | White |
| 0\% | 2\% | 14\% | 14\% | 0\% | 2\% | 66\% |

[^0]
[^0]:    Excludes individuals whose race / ethnicity is not reported.

